

Web Table 1. Survey Questions About Passive Smoking, by Study

Study	Maternal Survey Question	Passive Smoking Measure
MoBa	1. Are you exposed to passive smoking at home? 2. Are you exposed to passive smoking at work?	Yes if yes to either question; No if both questions are answered no
NFCS	1. Did anyone live in the home who smoked cigarettes regularly during months 1 - 2 - 3? 2. How many hours per day were you located less than two meters from somebody who was smoking cigarettes, either at home, at work, or at other places?	Yes if yes to the first question and/or non-zero hours of exposure based on the second question; No if first question is answered No and 0 hours of exposure reported in second question
UCFHS	1. During the first three months of your pregnancy did someone smoke in your home, workplace or any other place near you?	Yes if yes to question; No if no to question
NBDPS	1a. Did anyone in your household smoke cigarettes in your home between three months before pregnancy and child's birth date? 1b. If yes to 1a, during which months did someone smoke in your home? 2a. Did anyone smoke cigarettes near you at a workplace or school you may have attended during that year? 2b. If yes to 2a, during which months did someone smoke near you at work/school?	Yes if the mother reported that someone smoked at home and/or near her at work/school during any of the first three months of pregnancy; No if the mother reported that no one smoked at home and near her at work/school during the first three months of pregnancy

MoBa=Norwegian National Mother and Child Cohort Study, NFCS=Norway Facial Clefts Study, NBDPS=National Birth Defects Prevention Study, UCFHS=Utah Child and Family Health Study.

The coding of passive smoke exposure is independent of whether the mother actively smoked or not across all studies since the questions about passive smoke exposure were asked regardless of active smoking.

For MoBa, a mother was considered to be exposed to passive smoke if she answered yes to one or both questions that ask about exposure at home or at work and not exposed if both questions were answered no (the mothers were asked both questions).

For NFCS, a mother was considered to be exposed to passive smoke if she answered yes to the first question and/or reports non-zero hours of exposure in the second question and not exposed if first question was answered as no and zero hours of exposure were reported in question 2 (the mothers were asked both questions).

For the NBDPS, a mother was considered to be exposed to passive smoke if she answered yes to either question on whether someone smoked in the household or near her at work/school and indicated that smoking occurred in either of the first three months of pregnancy. The mother is considered not to be exposed to passive smoke if she answered no to both questions or if she reported that there was smoking at home and/or near her at workplace or school but not during the first three months of pregnancy (i.e., in other mothers). The mothers were asked both questions about exposure at home and work.

Web Table 2. Sample Counts of Isolated Cleft Cases, by Type and Study (UCFHS 1995-2004; NFCS 1996-2001; MoBa 1999-2009; and NBDPS 1999-2007)

Characteristic	UCFHS		NFCS		MoBa		NBDPS		Total	
	<i>n</i> =121		<i>n</i> =127		<i>n</i> =553		<i>n</i> =1108		<i>n</i> =1413	
		%		%		%		%		%
	5		9				7		4	
Any cleft	557	46	546	43	134	24	3271	30	4508	32
Cleft lip with or without cleft palate	371	31	356	28	87	16	2134	19	2948	21
Cleft lip only	141	12	133	10	18	3	746	7	1038	7
Cleft lip with palate	230	19	223	17	69	13	1388	13	1910	14
Cleft palate only	186	15	190	15	47	9	1137	10	1560	11
Controls	658	54	733	57	419	76	7816	71	9626	68
Any cleft isolated	427	35	411	32	114	21	2801	25	3753	27
Cleft lip with or without cleft palate	304	25	296	23	76	14	1887	17	2563	18
Cleft lip only	123	10	114	9	17	3	695	6	949	7
Cleft lip with palate	181	15	182	14	59	11	1192	11	1614	11
Cleft palate only	123	10	115	9	38	7	914	8	1190	8
Any cleft non-isolated	130	11	135	11	20	4	470	4	755	5

Unlike the NBDPS where single-gene disorders or cases with recognized chromosome abnormalities were excluded, the other studies enrolled all syndromic cases regardless of etiology. Note that “*n*” represents the total sample of each study including all cases and controls; the %s are relative to the total sample “*n*”.

MoBa=Norwegian National Mother and Child Cohort Study, NFCS=Norway Facial Clefts Study, NBDPS=National Birth Defects Prevention Study, UCFHS=Utah Child and Family Health Study.

Web Table 3. Frequency and Percent of Each Smoking Category, by Cleft Type

Cleft Status	None		Passive Only		Active Only		Both Passive and Active		Total <i>N</i>
	<i>N</i>	%	<i>N</i>	%	<i>N</i>	%	<i>N</i>	%	
Any cleft	2830	63%	623	14%	359	8%	696	15%	4508
Cleft lip with or without cleft palate	1828	62%	406	14%	237	8%	477	16%	2948
Cleft lip only	650	63%	136	13%	89	9%	163	16%	1038
Cleft lip with palate	1178	62%	270	14%	148	8%	314	16%	1910
Cleft palate only	1002	64%	217	14%	122	8%	219	14%	1560
Any cleft isolated	2355	63%	500	13%	311	8%	587	16%	3753
Cleft lip with or without cleft palate	1580	62%	342	13%	214	8%	427	17%	2563
Cleft lip only	586	62%	122	13%	86	9%	155	16%	949
Cleft lip with palate	994	62%	220	14%	128	8%	272	17%	1614
Cleft palate only	775	65%	158	13%	97	8%	160	13%	1190
Controls	6652	69%	1291	13%	671	7%	1012	11%	9626
Total	9482	67%	1914	14%	1030	7%	1708	12%	14134

Web Table 4. Sample Characteristics of Control Subjects, by Study

Characteristic	UCFHS		NFCS		MoBa		NBDPS		Total	
	<i>n</i> =658	%	<i>n</i> =733	%	<i>n</i> =419	%	<i>n</i> =7816	%	<i>n</i> =9626	%
Smoking Exposure										
Both active and passive	36	5	174	24	18	4	784	10	1012	11
Active only	17	3	60	8	70	17	524	7	671	7
Passive only	36	5	146	20	19	5	1090	14	1291	13
None	569	87	353	48	312	74	5418	69	6652	69
Other Exposures										
Alcohol use	42	6	225	31	60	14	1804	23	2131	22
Supplements containing folic acid	498	76	298	41	341	81	6711	86	7848	82
Body Size										
Underweight	45	7	26	4	21	5	428	6	520	5
Normal-weight	392	60	518	70	259	62	4018	51	5187	54
Overweight	141	21	139	19	93	22	1951	25	2324	24
Obese	80	12	50	7	46	11	1419	18	1595	17
Maternal Age, in years										
≤18	19	3	3	1	0	0	715	9	737	7
19-25	281	43	150	20	60	14	2506	32	2997	31
26-30	211	32	300	41	158	38	2267	29	2936	31
31-35	104	16	197	27	149	36	1645	21	2095	22
36-49	43	6	83	11	52	12	683	9	861	9
Maternal Education										
Less than high school	43	6	82	11	7	2	1170	15	1302	13
High school degree	414	63	353	48	136	32	4080	52	4983	52
College graduate or higher	201	31	298	41	276	66	2566	33	3341	35
Maternal Employment	564	86	624	85	344	82	5717	73	7249	75

MoBa=Norwegian National Mother and Child Cohort Study, NFCS=Norway Facial Clefts Study, NBDPS=National Birth Defects Prevention Study, UCFHS=Utah Child and Family Health Study.

Among the states included in the NBDPS and in the Pregnancy Risk Assessment Monitoring System (PRAMS), the prevalence of active maternal smoking in the 3 months before pregnancy among mothers enrolled in the PRAMS in 2005 was 20.6%

(California, Iowa, and Massachusetts, and Texas were not included in PRAMS (1)). The rate of the corresponding measure in the NBDPS control sample based on all 10 states (Arkansas, California, Georgia, Iowa, Massachusetts, New Jersey, New York, North Carolina, Texas, and Utah) is remarkably close at 19.0%. Similarly, the rate of smoking 3 months before pregnancy in the Utah PRAMS sample of 10.2% is comparable to the 10.8% rate in the UCFHS control sample.

The smoking rates in the Norway studies are also close to available estimates from other Norwegian samples. For example, the prevalence of smoking 3 months before pregnancy in a study based on women seeking prenatal care at a selective sample of Norwegian hospitals in 1994-1995 was 34% (30). In the control sample of the NFCS, the rate of smoking 12 months before pregnancy was nearly 43% (smoking not measured specifically within 3 months prior to pregnancy). The NFCS is higher likely because of being measured over a longer period before pregnancy (12 versus 3 months). Indeed, 38% of mothers smoking during 3 months before pregnancy in the other Norwegian sample were reported to have quit by the second trimester (2).

Web Table 5. Adjusted Odds Ratios for Isolated Clefts and Smoking Exposure Categories as Compared with Unexposed Nonsmokers

Cleft Status	None	Passive Only		Active Only			Both Passive and Active		
	Adjusted	Adjusted	95% CI	Adjusted	95% CI		Adjusted	95% CI	
	OR ^a	OR ^a		OR ^a			OR ^a		
Any cleft	1	1.11	0.99, 1.25	1.33	1.15, 1.55		1.58	1.40, 1.79	
Cleft lip with or without cleft palate	1	1.11	0.96, 1.27	1.36	1.14, 1.61		1.65	1.44, 1.89	
Cleft lip only	1	1.16	0.94, 1.43	1.65	1.29, 2.12		1.80	1.46, 2.22	
Cleft lip with palate	1	1.08	0.92, 1.27	1.21	0.98, 1.49		1.58	1.34, 1.86	
Cleft palate only	1	1.13	0.93, 1.36	1.29	1.02, 1.63		1.41	1.16, 1.73	

^a Multivariable logistic regression model adjusted for body size (underweight, normal, overweight, and obese), maternal education (less than high school degree, high school degree and college graduate), maternal age (≤18, 19-25, 26-30, 31-35, 36-49 yrs), employed (yes/no), alcohol use (yes/no), folic acid use (yes/no), and study population.

Web Table 6. Odds Ratios for Smoking Exposure Categories Compared with Unexposed Nonsmokers, Adjusting Only for Study Population

Cleft Status	None	Passive Only		Active Only			Both Passive and Active		
	Adjusted	Adjusted	95% CI	Adjusted	95% CI		Adjusted	95% CI	
	OR ^a	OR ^a		OR ^a			OR ^a		
Any cleft	1	1.15	1.04, 1.28	1.31	1.15, 1.51		1.58	1.42, 1.76	
Cleft lip with or without cleft palate	1	1.17	1.03, 1.32	1.35	1.15, 1.59		1.68	1.49, 1.90	
Cleft lip only	1	1.09	0.90, 1.33	1.48	1.17, 1.88		1.58	1.31, 1.91	
Cleft lip with palate	1	1.21	1.04, 1.40	1.29	1.06, 1.56		1.74	1.51, 2.01	
Cleft palate only	1	1.13	0.96, 1.33	1.26	1.02, 1.54		1.39	1.18, 1.64	
Any cleft isolated	1	1.11	0.99, 1.25	1.37	1.18, 1.58		1.62	1.44, 1.81	
Cleft lip with or without cleft palate	1	1.13	0.99, 1.30	1.41	1.20, 1.66		1.75	1.53, 1.98	
Cleft lip only	1	1.09	0.89, 1.34	1.58	1.24, 2.02		1.69	1.39, 2.05	
Cleft lip with palate	1	1.16	0.99, 1.36	1.32	1.08, 1.61		1.79	1.53, 2.08	
Cleft palate only	1	1.07	0.89, 1.28	1.29	1.03, 1.62		1.35	1.12, 1.62	

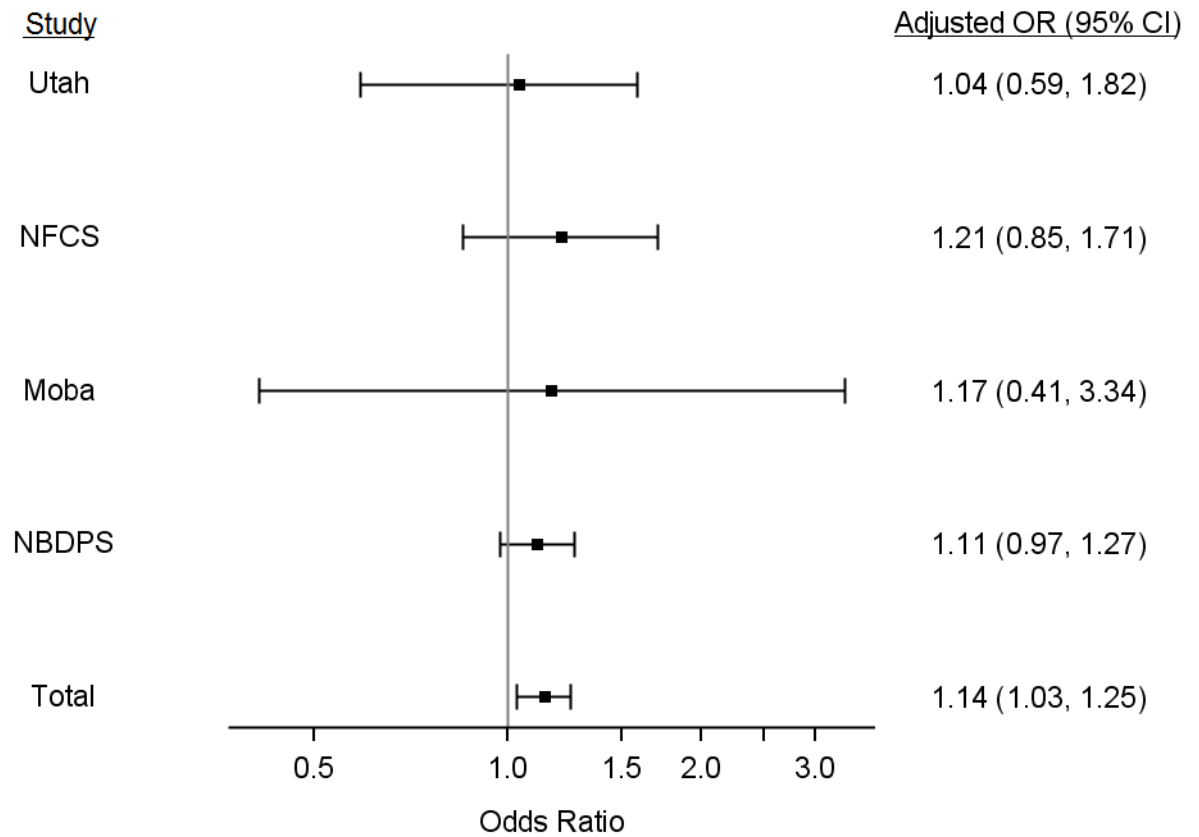
^a Multivariable logistic regression model adjusted only for study population. The analysis uses the same samples reported in Tables 2 and Web Table 5 that show results adjusting for additional covariates.

Web Table 7. Adjusted Odds Ratios for Smoking Exposure Categories by Level of Active Smoking, as Compared with Unexposed Nonsmokers

Cleft Status	None	Passive Only			Low Active Smoking - No Passive Smoke			Low Active Smoking Plus Passive Smoke			Moderate Active Smoking - No Passive Smoke			Moderate Active Smoking Plus Passive Smoke		
	Adj	Adj	95% CI		Adj	95% CI		Adj OR ^a	95% CI		Adj OR ^a	95% CI		Adj OR ^a	95% CI	
	OR ^a	OR ^a			OR ^a											
Any cleft	1	1.14	1.02,	1.28	1.16	0.93,	1.44	1.39	1.13,	1.71	1.37	1.16,	1.63	1.53	1.34,	1.74
Cleft lip with or without cleft palate	1	1.12	0.98,	1.27	1.21	0.95,	1.56	1.43	1.13,	1.81	1.34	1.10,	1.63	1.57	1.36,	1.81
Cleft lip only	1	1.14	0.93,	1.40	1.16	0.78,	1.74	1.86	1.34,	2.58	1.74	1.32,	2.30	1.51	1.20,	1.90
Cleft lip with palate	1	1.11	0.95,	1.29	1.25	0.93,	1.67	1.25	0.94,	1.66	1.14	0.90,	1.46	1.60	1.35,	1.89
Cleft palate only	1	1.20	1.02,	1.42	1.07	0.76,	1.50	1.30	0.94,	1.78	1.42	1.11,	1.82	1.43	1.18,	1.74
Any cleft isolated	1	1.12	0.99,	1.26	1.17	0.93,	1.47	1.49	1.20,	1.85	1.44	1.21,	1.72	1.58	1.38,	1.81
Cleft lip with or without palate isolated	1	1.11	0.96,	1.27	1.27	0.98,	1.64	1.55	1.22,	1.97	1.40	1.14,	1.71	1.65	1.42,	1.93
Cleft lip only	1	1.15	0.93,	1.43	1.23	0.81,	1.85	2.08	1.49,	2.91	1.85	1.39,	2.47	1.65	1.30,	2.09
Cleft lip with palate	1	1.08	0.92,	1.28	1.30	0.95,	1.76	1.30	0.96,	1.76	1.16	0.90,	1.50	1.66	1.39,	1.98
Cleft palate only	1	1.14	0.95,	1.38	0.97	0.65,	1.45	1.34	0.94,	1.91	1.52	1.16,	1.99	1.40	1.12,	1.74

^a Multivariable logistic regression model adjusted for body size (underweight, normal, overweight, and obese), maternal education (less than high school degree, high school degree and college graduate), maternal age (≤18, 19-25, 26-30, 31-35, 36-49 yrs), employed (yes/no), alcohol use (yes/no), folic acid use (yes/no), and study population.

Web Figure 1. Adjusted ORs for Exposure Only to Passive Smoke and Any Isolated Cleft, by Study

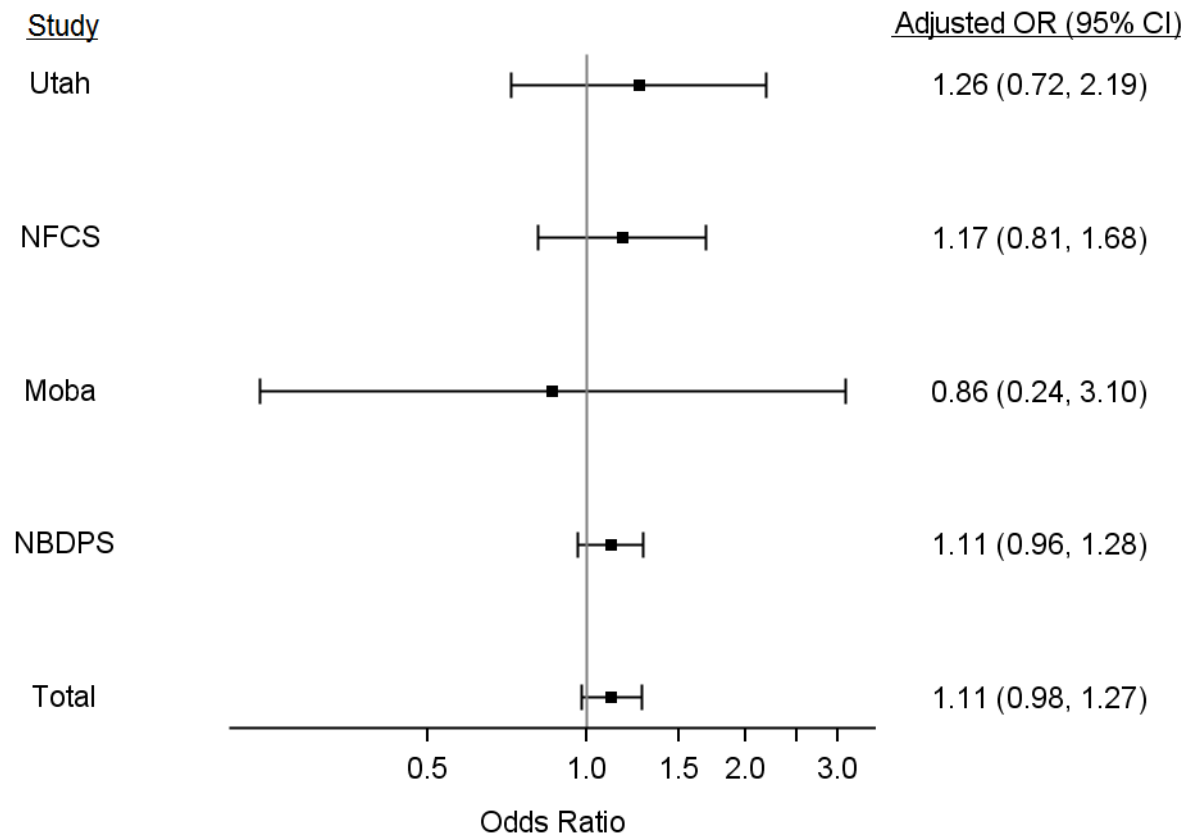


Legend	<i>n</i>	%
Utah	1085	8
NFCS	1144	9
MoBa	533	4
NBDPS	10617	79
Total	13379	100

OR=odds ratio, CI=confidence interval, MoBa=Norwegian National Mother and Child Cohort Study, NFCS=Norway Facial Clefts

Study, NBDPS=National Birth Defects Prevention Study, Utah=Utah Child and Family Health Study.

Web Figure 2. Adjusted ORs for Exposure Only to Passive Smoke and Cleft Lip With/Without Cleft Palate, by Study

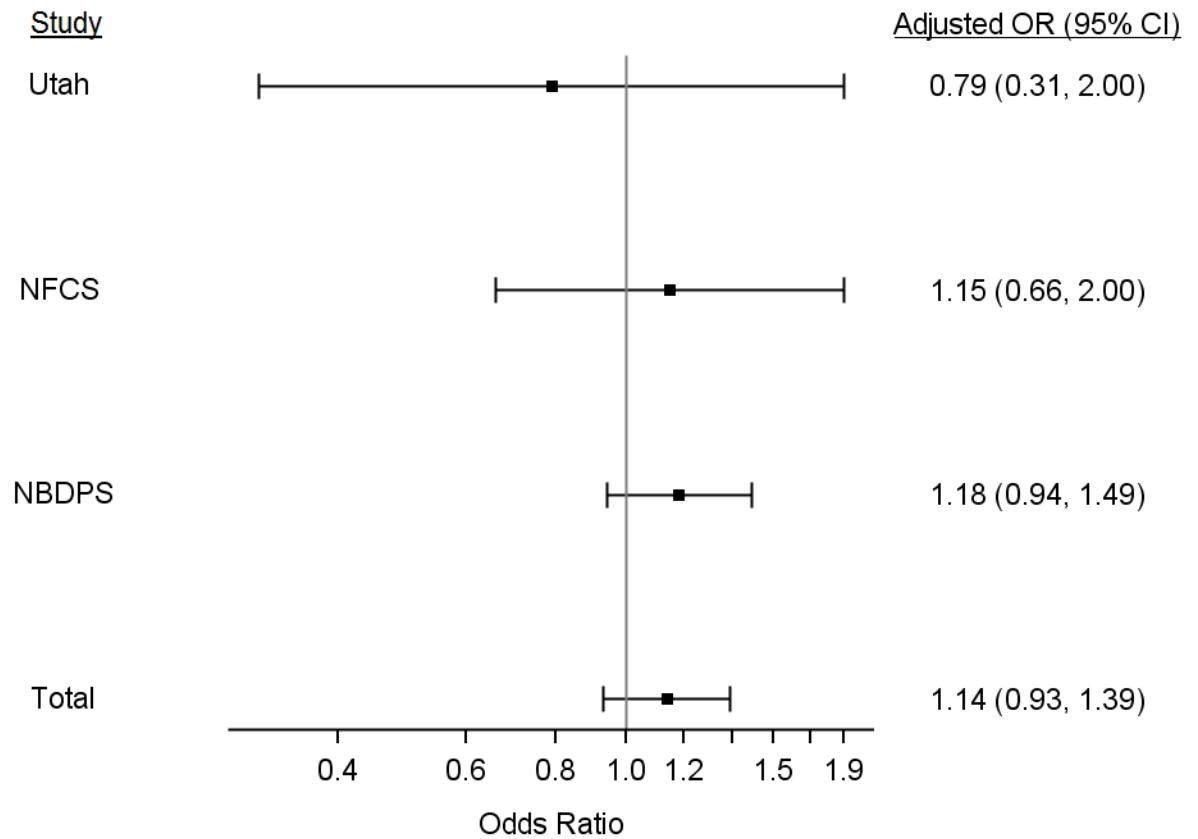


Legend	<i>n</i>	%
Utah	1029	8
NFCS	1089	9
MoBa	506	4
NBDPS	9950	79
Total	12574	100

OR=odds ratio, CI=confidence interval, MoBa=Norwegian National Mother and Child Cohort Study, NFCS=Norway Facial Clefts

Study, NBDPS=National Birth Defects Prevention Study, Utah=Utah Child and Family Health Study.

Web Figure 3. Adjusted ORs for Exposure Only to Passive Smoke and Cleft Lip Only, by Study



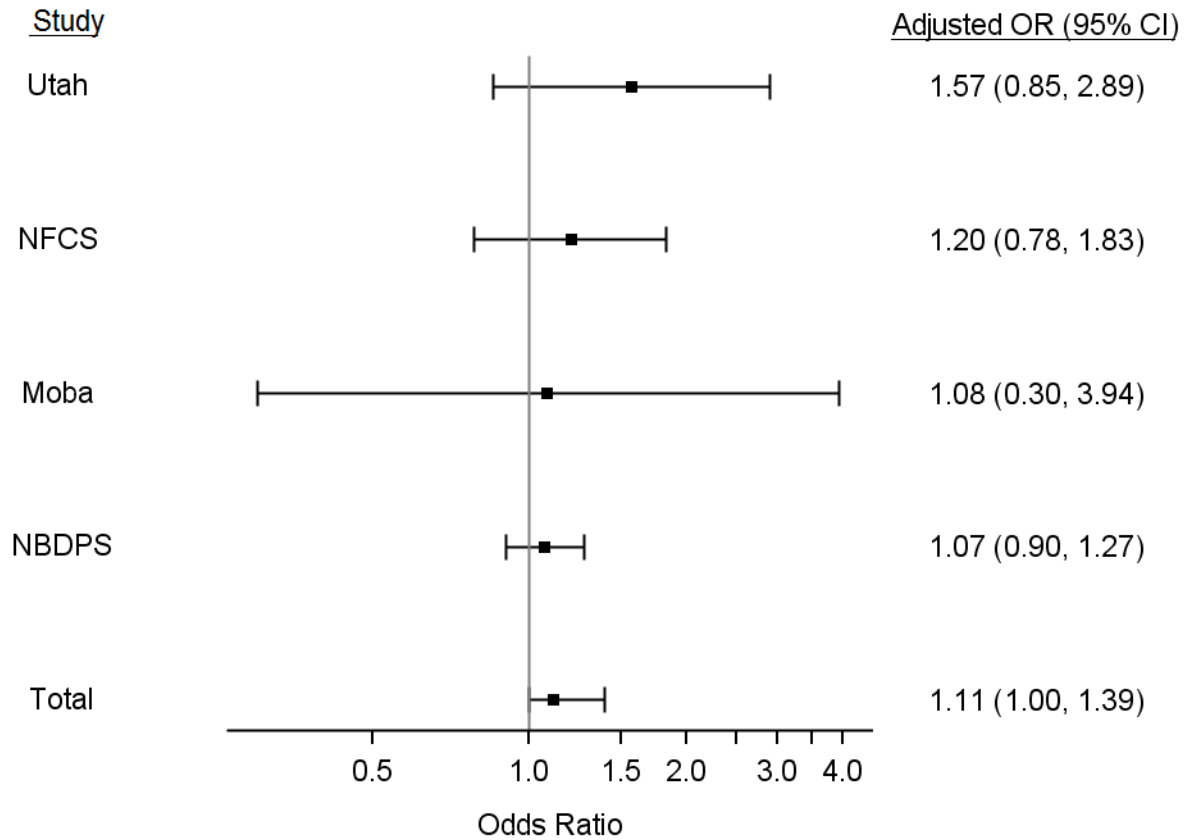
*No estimate was obtainable in the MoBa study for this cleft type due to inadequate sample size.

Legend	<i>n</i>	%
Utah	799	8
NFCS	866	8
NBDPS	8562	84
Total	10227	100

OR=odds ratio, CI=confidence interval, MoBa=Norwegian National Mother and Child Cohort Study, NFCS=Norway Facial Clefts

Study, NBDPS=National Birth Defects Prevention Study, Utah=Utah Child and Family Health Study.

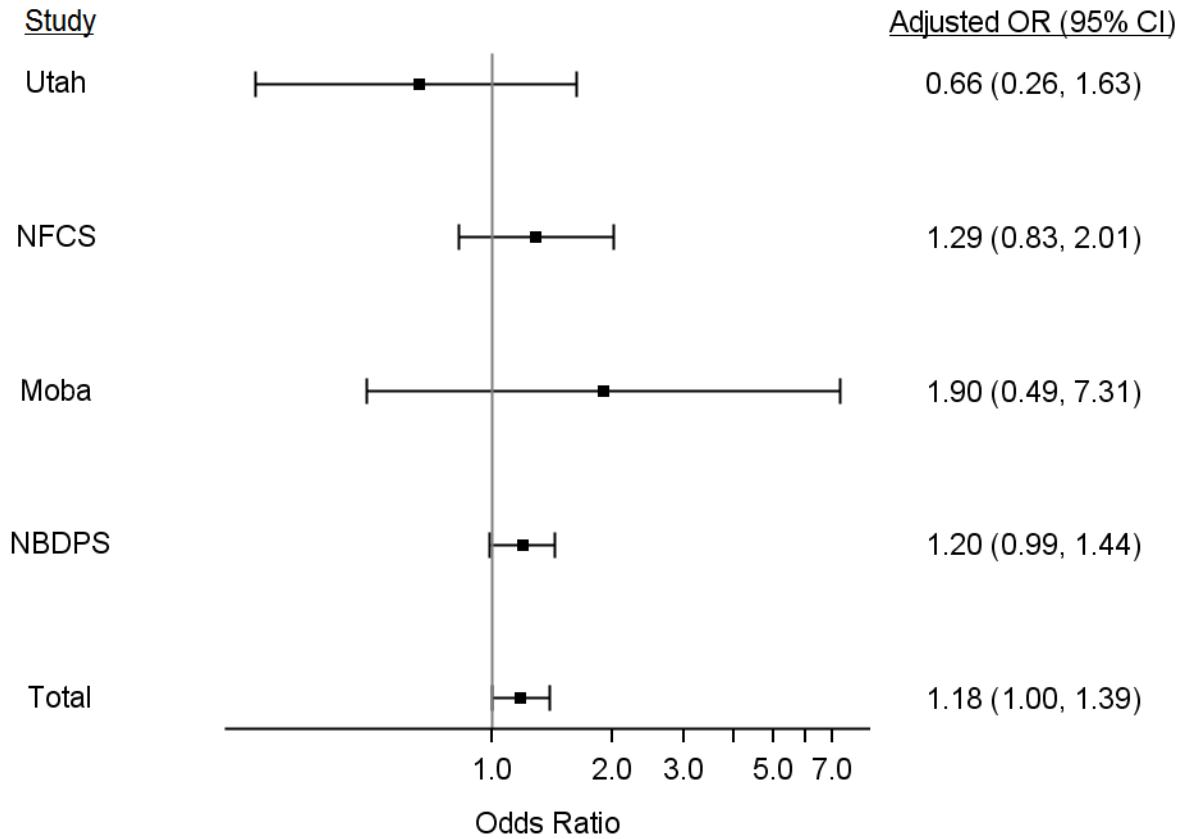
Web Figure 4. Adjusted ORs for Exposure Only to Passive Smoke and Cleft Lip With Palate, by Study



Legend	<i>n</i>	%
Utah	888	8
NFCS	956	8
MoBa	488	4
NBDPS	9204	80
Total	11536	100

OR=odds ratio, CI=confidence interval, MoBa=Norwegian National Mother and Child Cohort Study, NFCS=Norway Facial Clefts Study, NBDPS=National Birth Defects Prevention Study, Utah=Utah Child and Family Health Study.

Web Figure 5. Adjusted ORs for Exposure Only to Passive Smoke and Cleft Palate Only, by Study



Legend	<i>n</i>	%
Utah	844	8
NFCS	923	8
MoBa	466	4
NBDPS	8953	80
Total	11188	100

OR=odds ratio, CI=confidence interval, MoBa=Norwegian National Mother and Child Cohort Study, NFCS=Norway Facial Clefts

Study, NBDPS=National Birth Defects Prevention Study, Utah=Utah Child and Family Health Study.

Web Table 8. Adjusted Odds Ratios for Smoking Exposure Categories Compared with Unexposed Nonsmokers, Excluding MoBa

Cleft Status	None	Passive Only		Active Only		Both Passive and Active		
	Adjusted	Adjusted	95% CI	Adjusted	95% CI	Adjusted	95% CI	
	OR ^a	OR ^a		OR ^a		OR ^a		
Any cleft	1	1.13	1.01, 1.27	1.27	1.10, 1.47	1.49	1.32, 1.67	
Cleft lip with or without cleft palate	1	1.12	0.98, 1.27	1.27	1.07, 1.51	1.53	1.33, 1.74	
Cleft lip only	1	1.14	0.93, 1.40	1.47	1.14, 1.89	1.61	1.30, 1.97	
Cleft lip with palate	1	1.10	0.95, 1.29	1.18	0.96, 1.45	1.49	1.28, 1.75	
Cleft palate only	1	1.17	0.99, 1.39	1.27	1.02, 1.58	1.40	1.17, 1.68	

^a Multivariable logistic regression model adjusted for body size (underweight, normal, overweight, and obese), maternal education (less than high school degree, high school degree and college graduate), maternal age (≤18, 19–25, 26–30, 31–35, 36–49 yrs), employed (yes/no), alcohol use (yes/no), folic acid use (yes/no), and study population. MoBa=Norwegian National Mother and Child Cohort Study.

Web Table 9. Adjusted Odds Ratios for Smoking Exposure Categories Compared with Unexposed Nonsmokers, Excluding Births from US Studies Before Folic Acid Fortification Became Effective

Cleft Status	None	Passive Only			Active Only			Both Passive and Active		
	Adjusted	Adjusted	95% CI		Adjusted	95% CI		Adjusted	95% CI	
	OR ^a	OR ^a			OR ^a			OR ^a		
Any cleft	1	1.14	1.02,	1.29	1.25	1.08,	1.45	1.50	1.33,	1.70
Cleft lip with or without cleft palate	1	1.11	0.96,	1.27	1.27	1.07,	1.50	1.54	1.34,	1.77
Cleft lip only	1	1.14	0.92,	1.42	1.51	1.16,	1.95	1.62	1.30,	2.02
Cleft lip with palate	1	1.09	0.93,	1.29	1.15	0.94,	1.42	1.50	1.28,	1.77
Cleft palate only	1	1.21	1.01,	1.44	1.23	0.98,	1.53	1.41	1.17,	1.70

^a Multivariable logistic regression model adjusted for body size (underweight, normal, overweight, and obese), maternal education (less than high school degree, high school degree and college graduate), maternal age (≤18, 19-25, 26-30, 31-35, 36-49 yrs), employed (yes/no), alcohol use (yes/no), folic acid use (yes/no), and study population. The regressions include only births from US in 1999 or later plus NFCS and MoBa.

Web Table 10. Adjusted Odds Ratios for Smoking Exposure Categories Compared with Unexposed

Nonsmokers Only, Excluding Births from US Studies before Folic Acid Fortification Became Effective and Births From Norway Studies

Cleft Status	None	Passive Only			Active Only			Both Passive and Active		
	Adjusted	Adjusted	95% CI		Adjusted	95% CI		Adjusted	95% CI	
	OR†	OR†			OR†			OR†		
Any cleft	1	1.14	1.04,	1.45	1.23	1.04,	1.45	1.51	1.31,	1.74
Cleft lip with or without cleft palate	1	1.10	0.95,	1.28	1.23	1.01,	1.49	1.52	1.29,	1.78
Cleft lip only	1	1.16	0.92,	1.48	1.49	1.21,	1.99	1.48	1.14,	1.91
Cleft lip with palate	1	1.08	0.90,	1.29	1.11	0.87,	1.40	1.54	1.28,	1.85
Cleft palate only	1	1.20	0.99,	1.46	1.24	0.96,	1.59	1.47	1.19,	1.82

† Multivariable logistic regression model adjusted for body size (underweight, normal, overweight, and obese), maternal education (less than high school degree, high school degree and college graduate), maternal age (≤18, 19-25, 26-30, 31-35, 36-49 yrs), employed (yes/no), alcohol use (yes/no), folic acid use (yes/no), and study population. The regressions exclude US births before 1999 and births from the NFCS and MoBa.

Web Table 11. Adjusted Odds Ratios for Smoking Exposure Categories Compared with Unexposed Nonsmokers in the NBDPS Study, With and Without Controlling for Dietary Folate Intake

Cleft Status	None	Passive Only			Active Only			Both Passive and Active		
	Adjusted	Adjusted	95% CI		Adjusted	95% CI		Adjusted	95% CI	
	OR†	OR†			OR†			OR†		
Not Controlling for Dietary Folate										
Any cleft	1	1.13	1.00,	1.28	1.22	1.04,	1.44	1.50	1.31,	1.72
Cleft lip with or without cleft palate	1	1.11	0.96,	1.28	1.22	1.01,	1.48	1.52	1.30,	1.77
Cleft lip only	1	1.18	0.94,	1.49	1.57	1.19,	2.07	1.41	1.09,	1.81
Cleft lip with palate	1	1.07	0.90,	1.27	1.06	0.84,	1.33	1.57	1.32,	1.88
Cleft palate only	1	1.20	0.99,	1.44	1.21	0.95,	1.55	1.46	1.19,	1.79
Controlling for Dietary Folate										
Any cleft	1	1.14	1.01,	1.29	1.22	1.03,	1.43	1.49	1.31,	1.71
Cleft lip with or without cleft palate	1	1.11	0.96,	1.29	1.22	1.01,	1.47	1.52	1.30,	1.77
Cleft lip only	1	1.19	0.95,	1.49	1.56	1.19,	2.06	1.40	1.09,	1.81
Cleft lip with palate	1	1.08	0.91,	1.28	1.05	0.83,	1.33	1.57	1.31,	1.87
Cleft palate only	1	1.20	0.99,	1.44	1.20	0.94,	1.54	1.45	1.18,	1.78

† Multivariable logistic regression model adjusted for body size (underweight, normal, overweight, and obese), maternal education (less than high school degree, high school degree and college graduate), maternal age (≤18, 19-25, 26-30, 31-35, 36-49 yrs), employed (yes/no), alcohol use (yes/no), and folic acid use (yes/no).

Web Table 12. Adjusted Odds Ratios for Smoking Exposure Categories Compared with Unexposed Nonsmokers, Controlling for Race/Ethnicity

Cleft Status	None	Passive Only			Active Only			Both Passive and Active		
	Adjusted	Adjusted	95% CI		Adjusted	95% CI		Adjusted	95% CI	
	OR†	OR†			OR†			OR†		
Any cleft	1	1.14	1.02,	1.27	1.25	1.08,	1.44	1.46	1.30,	1.64
Cleft lip with or without cleft palate	1	1.10	0.95,	1.29	1.18	0.97,	1.43	1.50	1.28,	1.76
Cleft lip only	1	1.14	0.93,	1.40	1.44	1.12,	1.84	1.52	1.23,	1.87
Cleft lip with palate	1	1.10	0.95,	1.29	1.18	0.97,	1.43	1.50	1.28,	1.76
Cleft palate only	1	1.17	0.99,	1.39	1.22	0.99,	1.51	1.38	1.15,	1.64

† Multivariable logistic regression model adjusted for body size (underweight, normal, overweight, and obese), maternal education (less than high school degree, high school degree and college graduate), maternal age (≤18, 19-25, 26-30, 31-35, 36-49 yrs), employed (yes/no), alcohol use (yes/no), folic acid use (yes/no), year, and study population. Race/ethnicity adjusted for as an indicator for white versus nonwhite. Participants from NFCS and MoBa studies are coded as white.

Web Table 13. Adjusted Odds Ratios for Smoking Exposure Categories Compared with Unexposed Nonsmokers, Controlling for Race/Ethnicity and Including Only US Studies

Cleft Status	None	Passive Only			Active Only			Both Passive and Active		
	Adjusted	Adjusted	95% CI		Adjusted	95% CI		Adjusted	95% CI	
	OR†	OR†			OR†			OR†		
Any cleft	1	1.13	1.00,	1.27	1.22	1.04,	1.43	1.45	1.27,	1.66
Cleft lip with or without cleft palate	1	1.12	0.97,	1.28	1.22	1.02,	1.47	1.47	1.26,	1.71
Cleft lip only	1	1.16	0.93,	1.45	1.41	1.08,	1.86	1.38	1.08,	1.75
Cleft lip with palate	1	1.09	0.93,	1.29	1.14	0.91,	1.42	1.53	1.28,	1.83
Cleft palate only	1	1.16	0.97,	1.39	1.23	0.97,	1.56	1.42	1.16,	1.73

† Multivariable logistic regression model adjusted for body size (underweight, normal, overweight, and obese), maternal education (less than high school degree, high school degree and college graduate), maternal age (≤18, 19-25, 26-30, 31-35, 36-49 yrs), employed (yes/no), alcohol use (yes/no), folic acid use (yes/no), year, and study population. NFCS and MoBa studies are removed from this analysis. Race/ethnicity adjusted for as an indicator for white versus nonwhite.

Web References

1. Centers for Disease Control and Prevention. Trends in smoking before, during, and after pregnancy—Pregnancy Risk Assessment Monitoring System (PRAMS), United States, 31 sites, 2000–2005. *MMWR Surveill Summ*. 2009;58(SS04):1–29.
http://www.cdc.gov/mmwr/preview/mmwrhtml/ss5804a1.htm?s_cid=ss5804a1_e. Created May 29, 2009. Accessed September 24, 2015.
2. Eriksson KM, Haug K, Salvesen K, et al. Smoking habits among pregnant women in Norway 1994-95. *Acta Obstet Gynecol Scand*. 1998;77(2):159–164.